

Page 1, line 26, after "frequencies" insert --within the narrowest possible bandwidth--.

Page 3, line 13, after "second." insert --In addition, only 28.8 thousand bits of data can be transmitted per second over existing copper telephone lines.--.

Page 3, line 17, after "frequencies" insert --within a narrow bandwidth--.

Page 3, line 19, delete "8" and insert --two--.

Page 3, line 23, delete "8" and insert --eight--.

Page 4, line 5, after "41" insert --or created in a computer memory--.

Page 4, line 15, after "eight" insert --or more--.

Page 4, line 15, after "bits" insert --and with each file containing an equal number of bits--.

Page 4, line 21, after "are" insert --ideally--.

Page 4, line 23, delete "the same" and insert --a set--.

Page 4, line 23, delete "band width." and insert --bandwidth.

Page 4, line 24, delete "occur could".

Page 5, line 6, after "frequencies." insert --Alternatively, the ten files could be processed sequentially by one or more multi-band tone generators. Although this sequential processing would be slower than processing by ten separate tone generators, it would still allow a much higher transmission speed than can be attained by conventional modems.--.

Page 5, line 18, before "signal" insert --the--.

Page 5, line 18, after "memory" delete "or" and insert --,--.

Page 5, line 18, after "device" insert --or other processing device--.

Page 5, line 27, after "to" insert --any--.

Page 5, line 27, after "main" insert --data transmission--.

In the Claims

Claim 2 (AMENDED) A method for simultaneously transmitting multiple data files at multiple frequencies over a communications line at high speed, comprising the steps of:

compressing said data to be transmitted;

splitting said data into [eight] multiple files;

adding an error check signal as a [ninth] first additional file to said

[eight] multiple files;